

Typical Timeline to Degree:

Year 1–2

Completion of core curriculum.
Selection of major advisor and graduate committee.

Year 2–3

Completion of elective coursework and the oral comprehensive examination.

Beyond Year 3

Expansion and Completion of Thesis Research. Preparation and oral dissertation defense.

Total Credits for Degree Confirmation:

A total of 72 credits are required for the confirmation of the PhD degree.
Approximately 24–34 credits are included in core and elective courses; the remainder represent dissertation research credits.

Program duration: 4–5 years.

Eligibility for Admission:

Applicants must possess a bachelor of science degree or its equivalent from an accredited college or university.
Completion of the Graduate Record Examination (GRE) is required.

Admissions Procedure:

Applications are to be received by January 31. Decisions regarding admission to the program are made by March 1 for September enrollment.

Applications and information can be obtained online at:
<http://www.pharmacy.pitt.edu/gradprogram>



University of Pittsburgh
School of Pharmacy
3501 Terrace Street
904 Salk Hall
Pittsburgh, PA 15261



Graduate
Studies
in the
Pharmaceutical
Sciences

Clinical Pharmaceutical Scientist Program



UNIVERSITY OF PITTSBURGH

School of Pharmacy
THE ART and SCIENCE OF EXCELLENCE

Established 1878

Clinical Pharmaceutical Scientist Program

With its origins in the 1980's, the Clinical Pharmaceutical Scientist Program is a long-standing program of the School of Pharmacy and is unique among graduate programs. Students with expertise in pharmacotherapeutics learn to be independent scientists utilizing contemporary research approaches to investigate both the clinical and the mechanistic elements of specific drug therapy issues. Graduates of the program hold positions in the pharmaceutical industry, academic institutions, and governmental agencies.



Students conduct patient-care oriented research.

Research opportunities are available in each of the four major research focus areas of the School of Pharmacy graduate programs: (1) Drug Disposition and Response; (2) Genomics, Proteomics, and Drug Discovery; (3) Drug Delivery and Targeting; (4) NeuroEndocrine Pharmacology. The multidisciplinary and patient-oriented research provides a unique graduate training environment for individuals interested in a career in the clinical pharmaceutical sciences.



Students and faculty participate at scientific research meetings.

Core Curriculum

Course Title	Credits
PHARM 2001 Pharmaceutical Analysis	3
PHARM 3020 Pharmacogenomics.....	3
PHARM 3025 Topics in Pharmaceutical Sciences	3
PHARM 3038 Essentials of Competitive Grant Writing 1	2
PHARM 3039 Essentials of Competitive Grant Writing 2	2
PHARM 3063 Graduate Research Rotations	6
PHARM 5218 Drug Development II	4
BIOST 2041-2 Biostatistics	6
CLRES 2030 or PHARM 3019 Intro to Clinical Trials or Experimental Design.....	2
Research Focus Discussion Group	3
Course No. 2700 Survival Skills and Ethics.....	2
Total Credits	36

Elective courses specific to the students research project are also available. The PhD requires a total of 72 credits.

Our Students



"This program is exceptional because it offers both countless research opportunities and clinical experiences while having talented faculty that support the development of all aspects of our careers. This program is a perfect match for me, I couldn't imagine myself being anywhere else or doing anything else."

Kristin Bigos, BS

Our Graduates Are:

- Faculty at leading educational institutions.
- Leaders in the pharmaceutical industry.
- Decision makers at governmental agencies.

For more information contact:

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